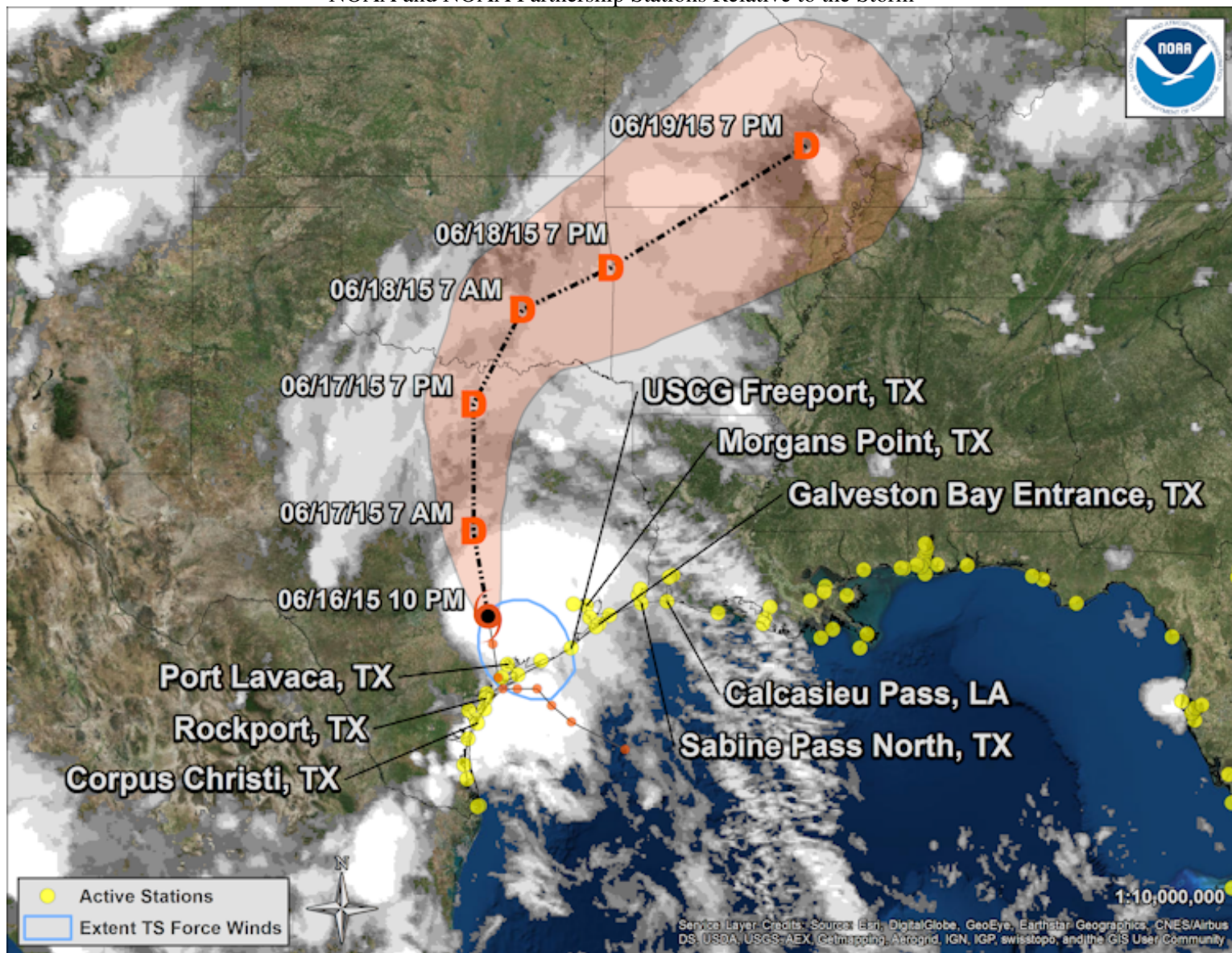




Tropical Storm BILL QuickLook
Posted: 23:00 CDT 06/16/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/16/2015 23:00 CDT, water levels from southern Texas to western Louisiana are elevated and range between 1.2 and 2.35 feet above tidal predictions. Wind speeds are decreasing across the region and range between 5 and 30 knots. Barometric pressure is beginning to rebound.

Tropical Storm BILL QuickLook, POSTED 23:00 CDT 06/16/2015

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: AC

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM BILL ADVISORY NUMBER 5

NWS NATIONAL HURRICANE CENTER MIAMI FL

1000 PM CDT TUE JUN 16 2015

...BILL EXPECTED TO SOAK PORTIONS OF TEXAS AND OKLAHOMA...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning has been discontinued west of Port O'Connor.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

* Port O'Connor to San Luis Pass Texas

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 1000 PM CDT, the center of Tropical Storm Bill was located about 45 MI N of Victoria, Texas. Bill is moving toward the north near 12 mph. This general motion is expected to continue on Wednesday with a turn to the northeast on Thursday.

Maximum sustained winds have decreased to near 40 mph with higher gusts. Weakening is forecast during the next 48 hours, and Bill is expected to become a tropical depression early Wednesday.

Tropical storm force winds extend outward up to 150 miles from the center. These winds are confined to a few rainbands to the southeast of the center.

The estimated minimum central pressure is 1000 mb.

HAZARDS AFFECTING LAND

RAINFALL: Bill is expected to produce total rain accumulations of 4 to 8 inches over eastern Texas and eastern Oklahoma and 3 to 6 inches over western Arkansas and southern Missouri. Isolated maximum amounts of 12 inches are possible in Texas and Oklahoma. These rains may produce life-threatening flash floods.

WIND: Tropical storm conditions are occurring within the warning area, but these winds should begin to subside soon.

STORM SURGE: The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters. The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Upper Texas and Western Louisiana coasts...1 to 2 feet

The deepest water will occur along the immediate coast to the southeast of the center. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

TORNADOES: A few tornadoes may occur over parts of east-central Texas through early Wednesday.

NEXT ADVISORY

Next intermediate advisory at 100 AM CDT.

Next complete advisory at 400 AM CDT.

Forecaster Avila

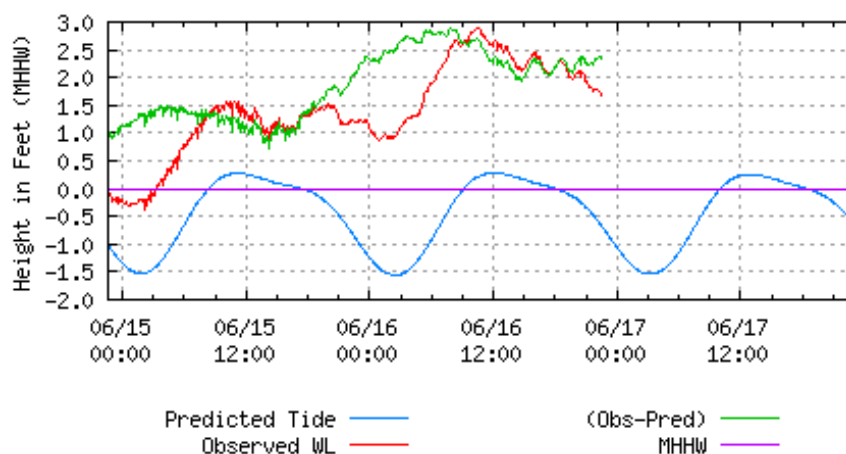
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Morgans Point - Water Level](#), [Morgans Point - Winds](#), [Morgans Point - Barometric](#), [Galveston Bay Entrance, N Jetty \(TCOON\) - Water Level](#), [Galveston Bay Entrance, N Jetty \(TCOON\) - Winds](#), [Galveston Bay Entrance, N Jetty \(TCOON\) - Barometric](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Port Lavaca \(TCOON\) - Water Level](#), [Port Lavaca \(TCOON\) - Winds](#), [Port Lavaca \(TCOON\) - Barometric](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Bob Hall Pier, Corpus Christi - Water Level](#), [Bob Hall Pier, Corpus Christi - Winds](#), [Bob Hall Pier, Corpus Christi - Barometric](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Winds](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#)

Tropical Storm BILL QuickLook, POSTED 23:00 CDT 06/16/2015

NOAA/NOS/CO-OPS 8770613 Morgans Point, TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/16/2015 22:36 (CDT). Data relative to MHHW

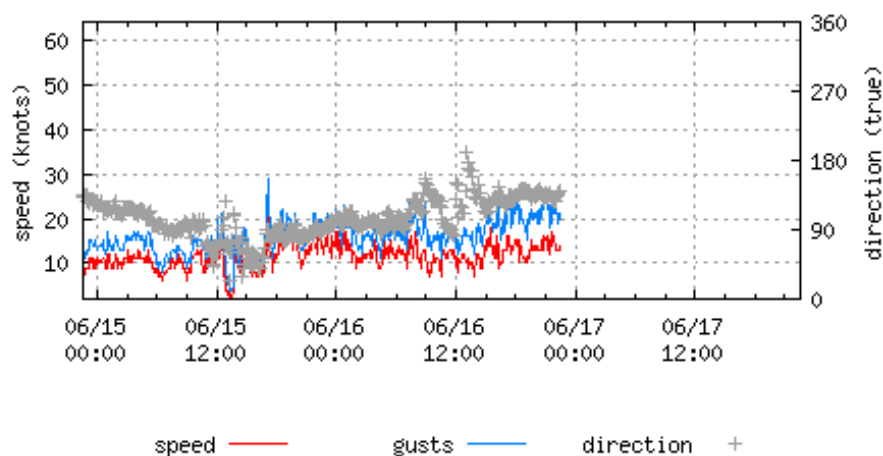
Observed: 1.64 ft. Predicted: -0.70 ft. Residual: 2.34 ft.

Historical Maximum Water Level: Sep 12 2008, 5.22 ft.

Next High Tide: 06/17/2015 12:53 (CDT), 0.26 ft.

NOAA/NOS/CO-OPS 8770613 Morgans Point, TX

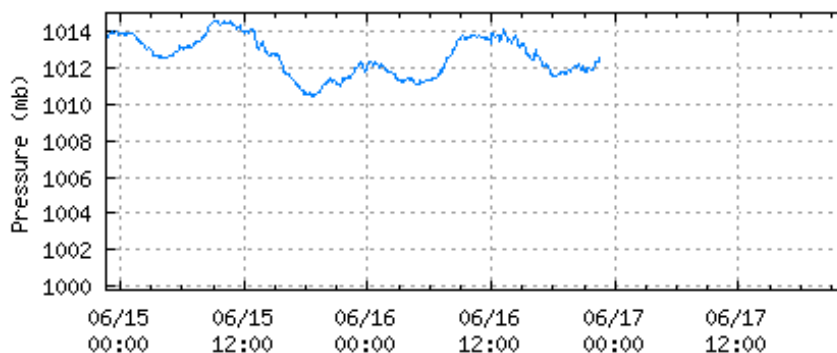
Wind Speed / Gusts / Direction



Last Observed Sample: 06/16/2015 22:36 (CDT)

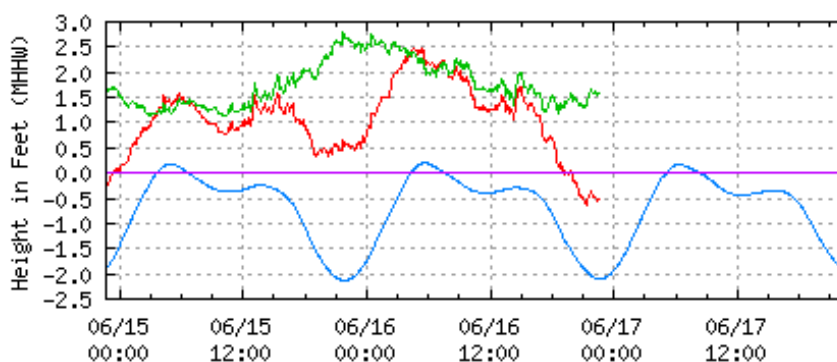
Wind Speed: 10 knots Gusts: 18 knots Direction: 139° T

NOAA/NOS/CO-OPS 8770613 Morgans Point, TX
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/16/2015 22:36 (CDT)
Barometric Pressure: 1012.5 mb

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, N Jetty (TCOON), TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

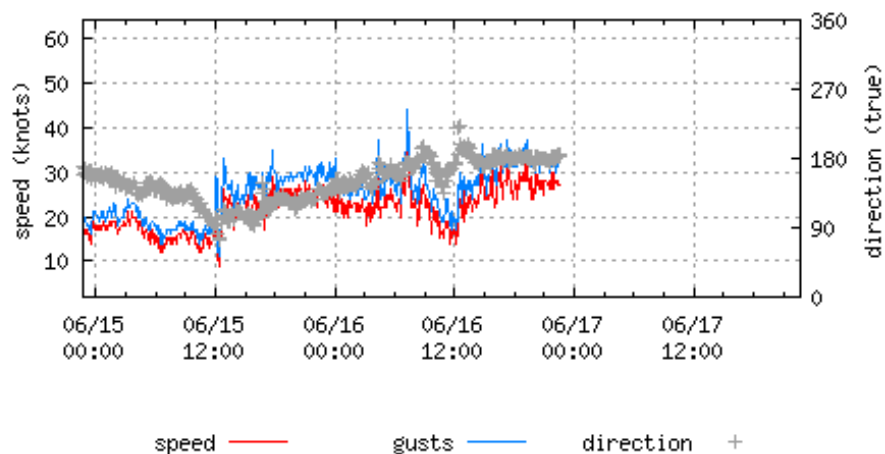
Last Observed Sample: 06/16/2015 22:36 (CDT). Data relative to MHHW

Observed: -0.52 ft. Predicted: -2.11 ft. Residual: 1.59 ft.

Historical Maximum Water Level: Jul 15 2003, 4.08 ft.

Next High Tide: 06/17/2015 06:18 (CDT), 0.17 ft.

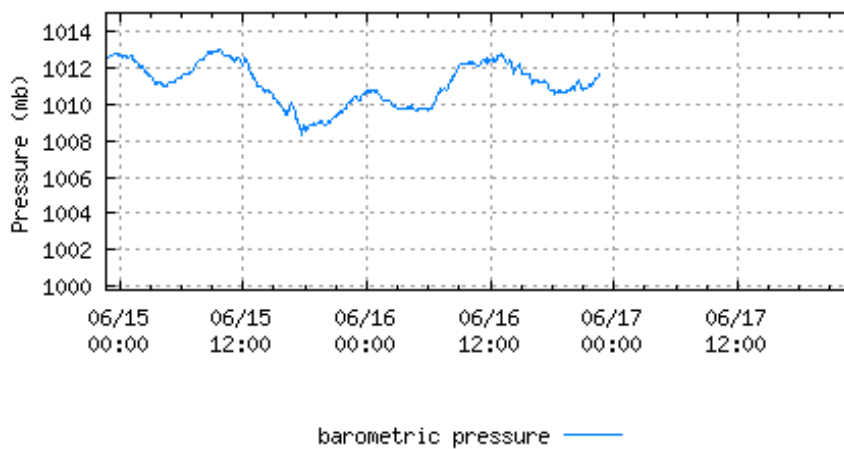
NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, N Jetty (TCOON), TX
Wind Speed / Gusts / Direction



Last Observed Sample: 06/16/2015 22:36 (CDT)

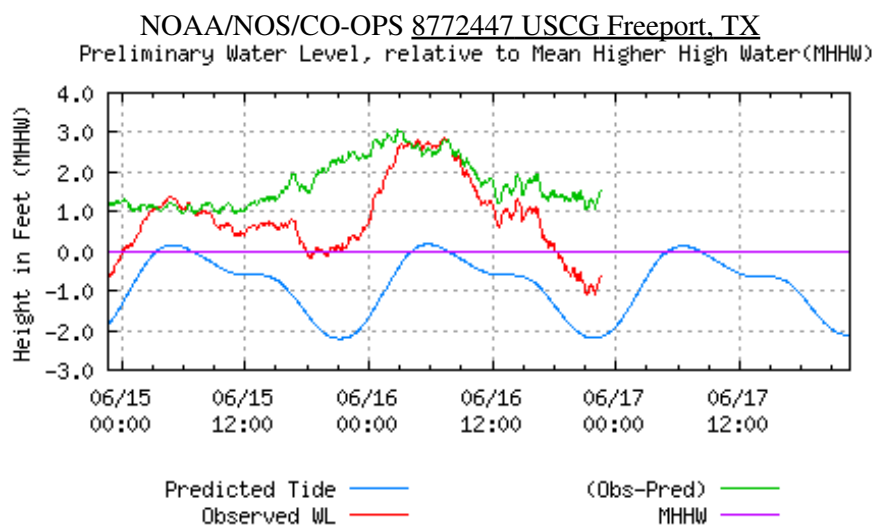
Wind Speed: 27 knots Gusts: 32 knots Direction: 186° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, N Jetty (TCOON), TX
Barometric Pressure



Last Observed Sample: 06/16/2015 22:36 (CDT)

Barometric Pressure: 1011.6 mb

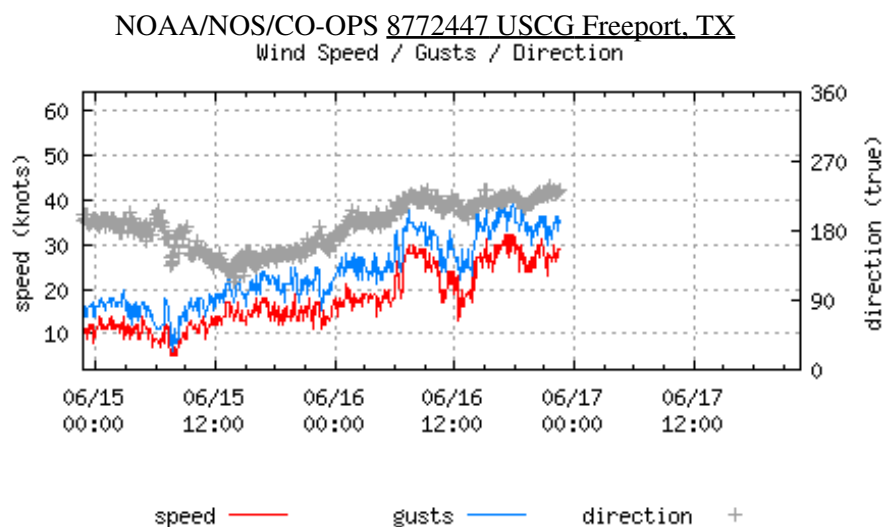


Last Observed Sample: 06/16/2015 22:30 (CDT). Data relative to MHHW

Observed: -0.64 ft. Predicted: -2.16 ft. Residual: 1.52 ft.

Historical Maximum Water Level: Sep 12 2008, 5.58 ft.

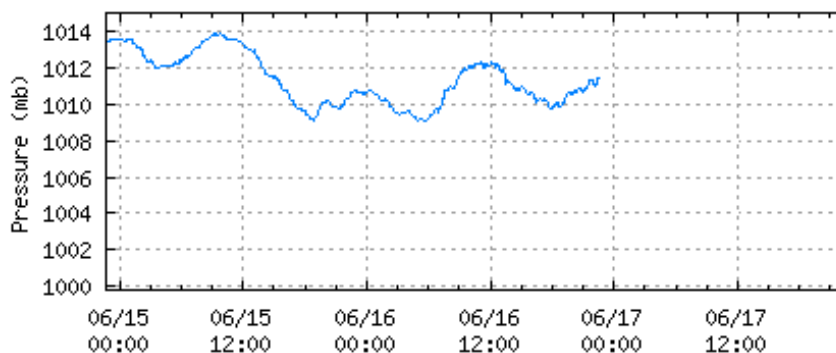
Next High Tide: 06/17/2015 06:27 (CDT), 0.13 ft.



Last Observed Sample: 06/16/2015 22:30 (CDT)

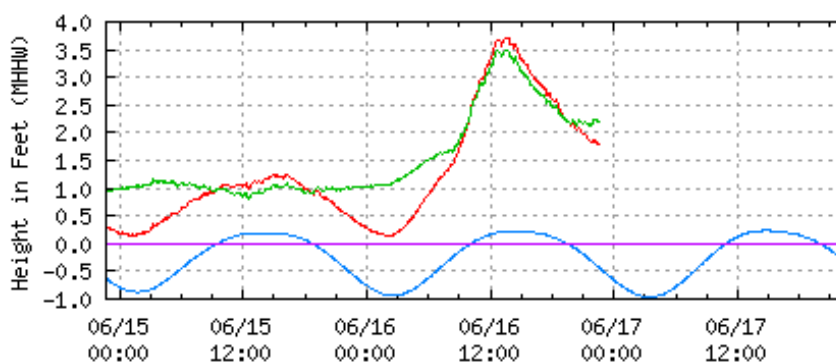
Wind Speed: 29 knots Gusts: 35 knots Direction: 233° T

NOAA/NOS/CO-OPS 8772447 USCG Freeport, TX
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/16/2015 22:30 (CDT)
Barometric Pressure: 1011.4 mb

NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 06/16/2015 22:30 (CDT). Data relative to MHHW

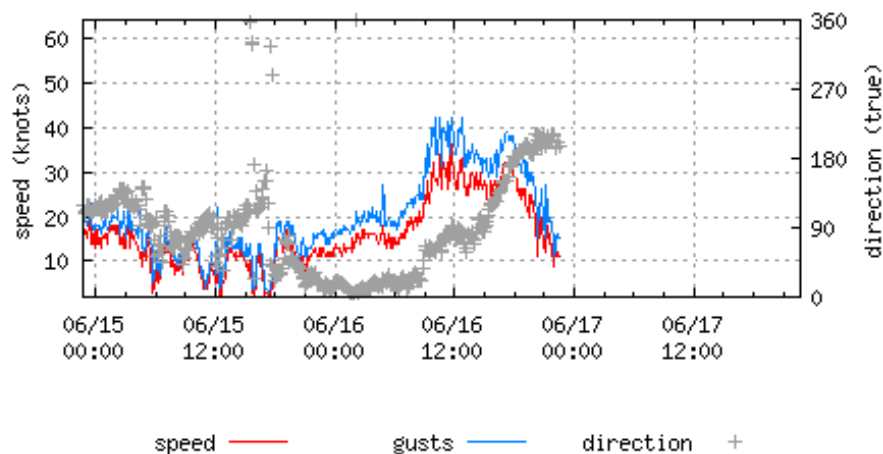
Observed: 1.78 ft. Predicted: -0.43 ft. Residual: 2.21 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/17/2015 14:42 (CDT), 0.24 ft.

NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX

Wind Speed / Gusts / Direction

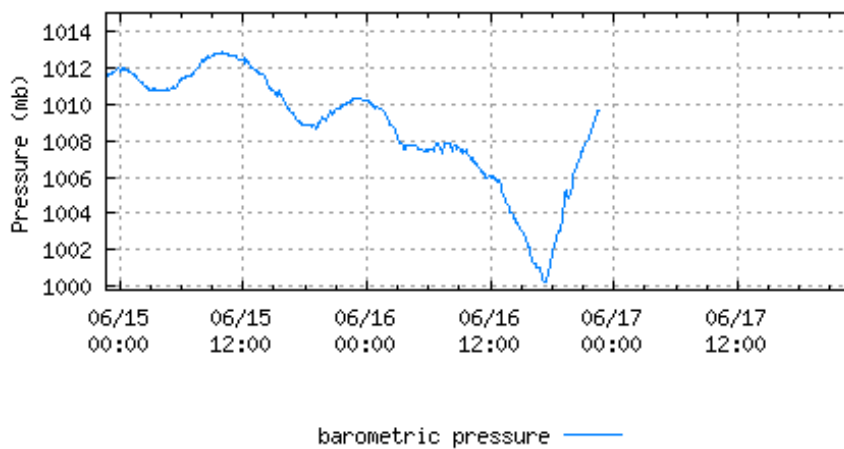


Last Observed Sample: 06/16/2015 22:30 (CDT)

Wind Speed: 11 knots Gusts: 15 knots Direction: 196° T

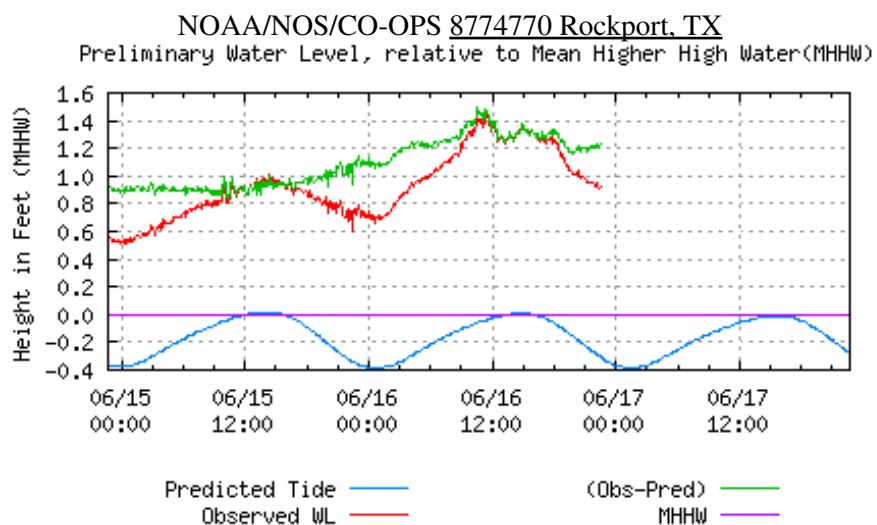
NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX

Barometric Pressure



Last Observed Sample: 06/16/2015 22:30 (CDT)

Barometric Pressure: 1009.6 mb

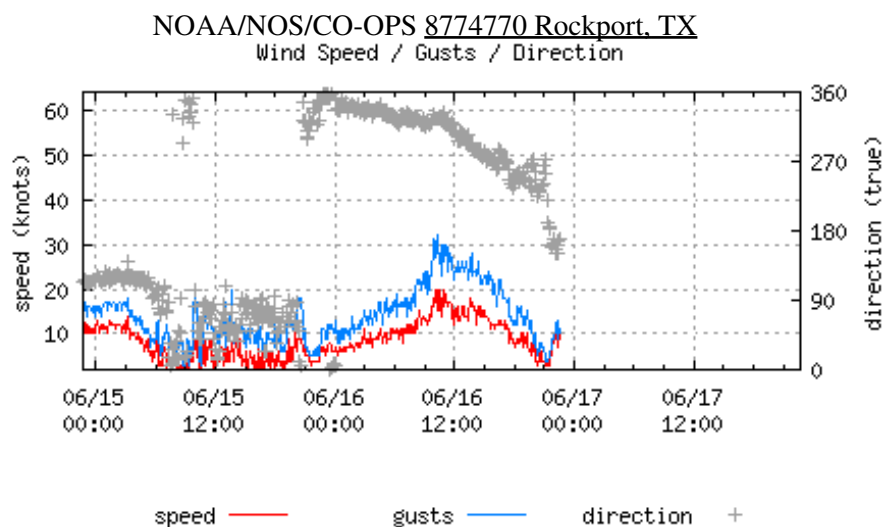


Last Observed Sample: 06/16/2015 22:30 (CDT). Data relative to MHHW

Observed: 0.93 ft. Predicted: -0.30 ft. Residual: 1.23 ft.

Historical Maximum Water Level: Aug 10 1980, 3.73 ft.

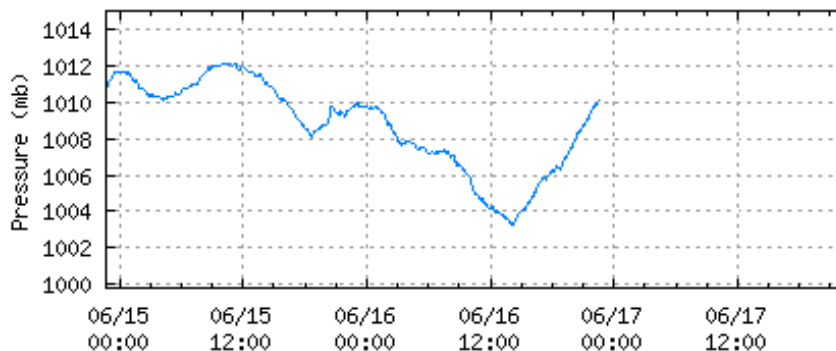
Next High Tide: 06/17/2015 15:38 (CDT), -0.01 ft.



Last Observed Sample: 06/16/2015 22:30 (CDT)

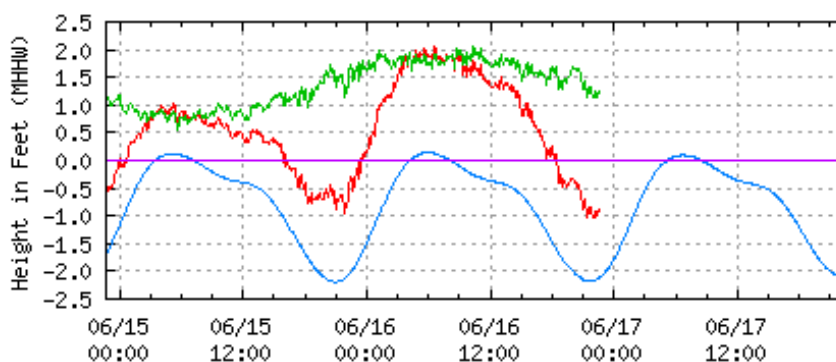
Wind Speed: 10 knots Gusts: 11 knots Direction: 169° T

NOAA/NOS/CO-OPS 8774770 Rockport, TX
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/16/2015 22:30 (CDT)
Barometric Pressure: 1010.1 mb

NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 06/16/2015 22:30 (CDT). Data relative to MHHW

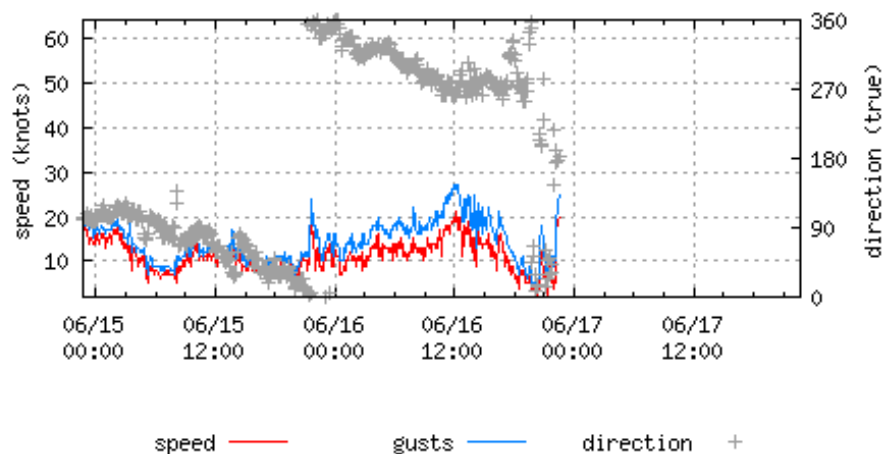
Observed: -0.87 ft. Predicted: -2.12 ft. Residual: 1.25 ft.

Historical Maximum Water Level: Sep 13 2008, 3.98 ft.

Next High Tide: 06/17/2015 06:38 (CDT), 0.10 ft.

NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX

Wind Speed / Gusts / Direction

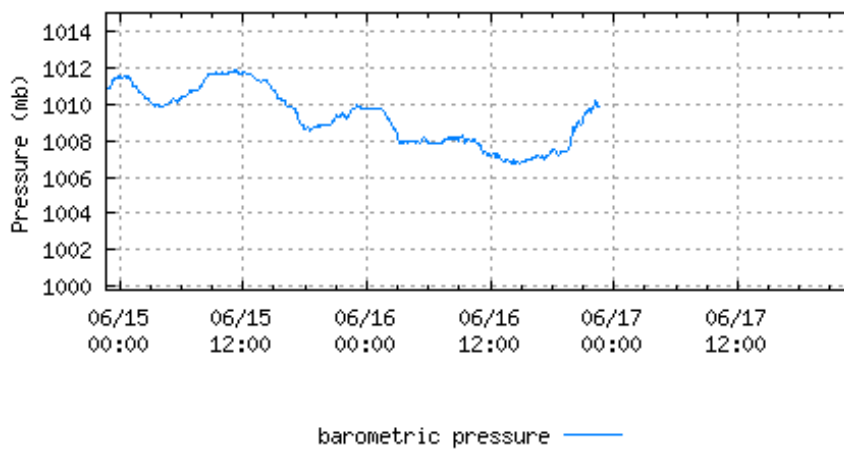


Last Observed Sample: 06/16/2015 22:30 (CDT)

Wind Speed: 20 knots Gusts: 25 knots Direction: 182° T

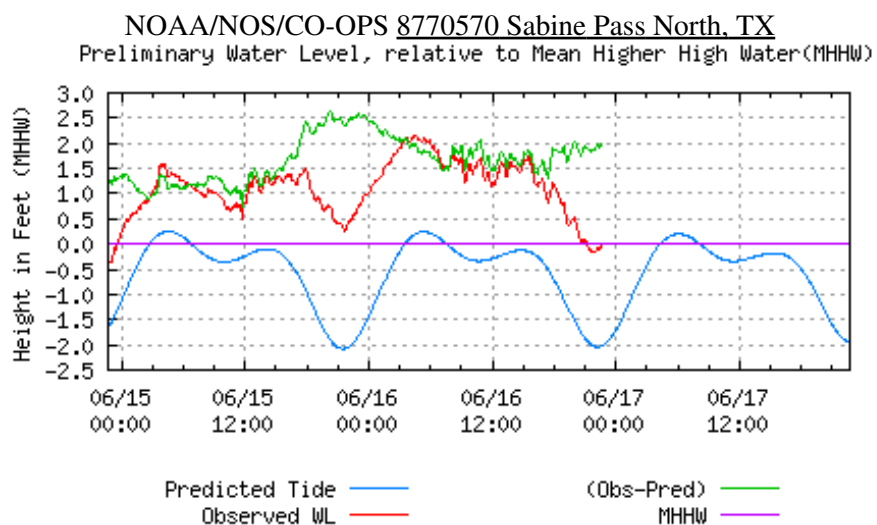
NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX

Barometric Pressure



Last Observed Sample: 06/16/2015 22:30 (CDT)

Barometric Pressure: 1009.9 mb

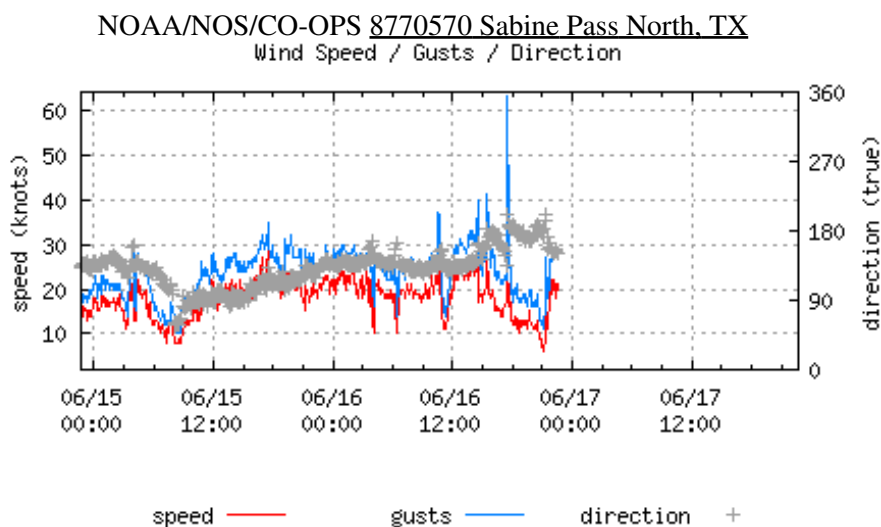


Last Observed Sample: 06/16/2015 22:36 (CDT). Data relative to MHHW

Observed: -0.08 ft. Predicted: -2.02 ft. Residual: 1.94 ft.

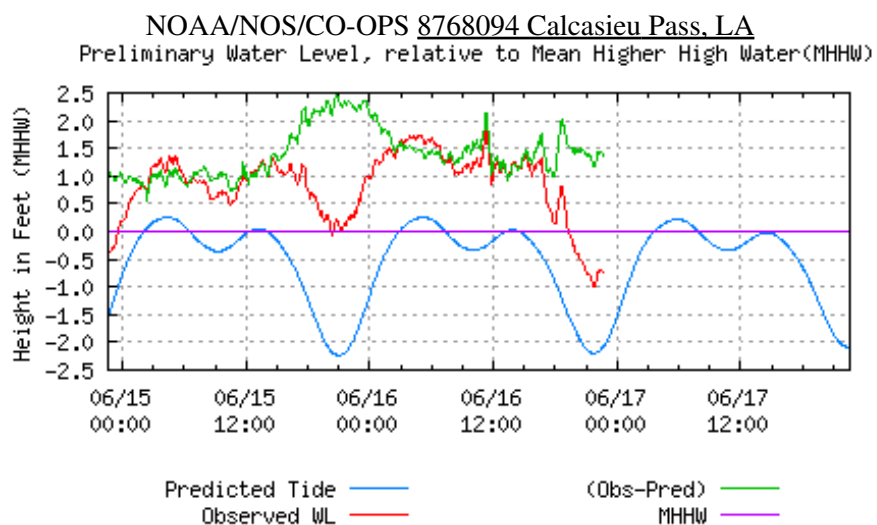
Historical Maximum Water Level: Sep 13 2008, 12.71 ft.

Next High Tide: 06/17/2015 06:03 (CDT), 0.20 ft.



Last Observed Sample: 06/16/2015 22:36 (CDT)

Wind Speed: 20 knots Gusts: 29 knots Direction: 152° T

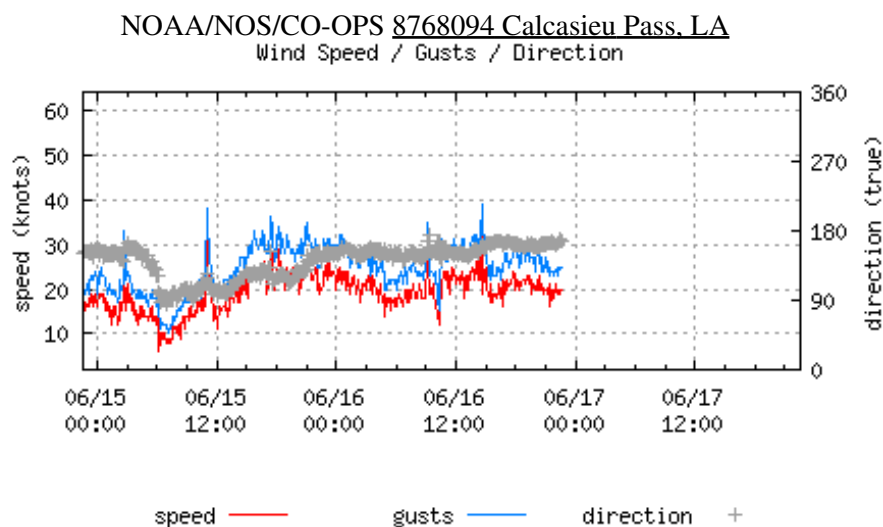


Last Observed Sample: 06/16/2015 22:36 (CDT). Data relative to MHHW

Observed: -0.74 ft. Predicted: -2.09 ft. Residual: 1.35 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 06/17/2015 05:50 (CDT), 0.22 ft.



Last Observed Sample: 06/16/2015 22:36 (CDT)

Wind Speed: 20 knots Gusts: 25 knots Direction: 167° T

Tropical Storm BILL QuickLook, POSTED 23:00 CDT 06/16/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8770613	Morgans Point, TX	06/16/2015 22:36 (CDT)	1.64 ft	-0.70 ft	2.34 ft	2.90 ft
8771341	Galveston Bay Entrance, N Jetty (TCOON), TX	06/16/2015 22:36 (CDT)	-0.52 ft	-2.11 ft	1.59 ft	2.47 ft
8772447	USCG Freeport, TX	06/16/2015 22:30 (CDT)	-0.64 ft	-2.16 ft	1.52 ft	2.88 ft
8773259	Port Lavaca (TCOON), TX	06/16/2015 22:30 (CDT)	1.78 ft	-0.43 ft	2.21 ft	3.72 ft
8774770	Rockport, TX	06/16/2015 22:30 (CDT)	0.93 ft	-0.30 ft	1.23 ft	1.44 ft
8775870	Bob Hall Pier, Corpus Christi, TX	06/16/2015 22:30 (CDT)	-0.87 ft	-2.12 ft	1.25 ft	2.05 ft
8770570	Sabine Pass North, TX	06/16/2015 22:36 (CDT)	-0.08 ft	-2.02 ft	1.94 ft	2.17 ft
8768094	Calcasieu Pass, LA	06/16/2015 22:36 (CDT)	-0.74 ft	-2.09 ft	1.35 ft	1.88 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce